

REMARKS

Reconsideration of the above-identified Application is respectfully requested. Claims 1-5, 9-15 and 17-22 are in the case. Claims 6-8 and 16 were canceled previously. Claims 1 and 12 have been amended.

Regarding the rejection of Claims 1-5, 9-15 and 17-22 under 35 U.S.C. § 102(e) as allegedly being anticipated by Child et al., independent Claims 1 and 12 have been amended to overcome the rejection. Exemplary independent Claim 1 now recites a method for a handheld computing device including the steps of displaying at least one transformation on a display screen, and displaying at least a portion of at least one object on the display screen, wherein an upper bound is enforced on the display height of the object *in a manner so as to ensure the display of the at least one transformation on the display screen*. A similar amendment was made to Claim 12.

This novel combination is neither shown nor suggested by Child et al. The problem solved by the claimed invention is that in prior art handheld computing devices when a single mathematical expression occupied the entire visible history screen, it was difficult for users (e.g., students) to keep track of the problem being solved, to understand the solution steps and to view enough of the derivation on the display screen to decide what to do next. By requiring the display of at least one transformation on a display screen, and enforcing on the display height of an object also being viewed an upper bound in a manner so as to ensure the display of the at least one transformation on the display screen, the problem is solved.

Child et al. merely shows horizontal truncation, and neither shows or suggests enforcing on the display height of an object being viewed an upper bound, and requiring the display of at least one transformation on the display screen, so as to allow users to keep track of the problem being solved. Nonetheless, the Examiner pointed out that an arrow pointing down is shown in Figure 2j of Child et al. This arrow is not explained in Child et al., but

presumably is to indicate that other transformations, having numbers higher than 7, may be viewed by scrolling down. There is no teaching or suggestion in Child et al. that the transformation number 7 is truncated. In addition, there is clearly no teaching or suggestion that only one of the transformations capable of being displayed in the mode shown in Figure 2j might be displayed and be so large as to "crowd out" all others. However, to further clarify the distinction of the claimed invention over this reference, the above-described amendments have been made to Claims 1 and 12.

Therefore, it is respectfully submitted that for the above reasons the invention as set forth in Claims 1 and 12 are neither shown nor suggested by Child et al. nor, indeed, by any of the art of record whether considered individually or in any combination, and that Claims 1 and 12 are therefore allowable. Claims 2-5, 9-11, 13-15 and 17-22 all depend, either directly or indirectly from Claim 1 or Claim 12 and so are allowable as well for the same reasons, as well as for the additional limitations found therein.

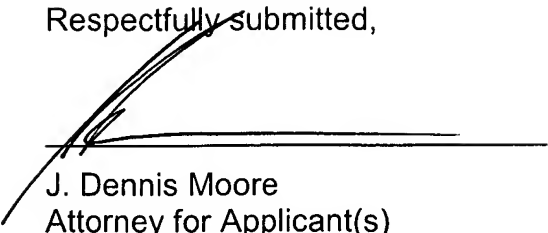
It is respectfully submitted that the claims recite the patentably distinguishing features of the invention and that, taken together with the above remarks, the present application is now in proper form for allowance. Reconsideration of the application, as amended, and allowance of the claims are requested at an early date.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, the Applicants petition for an Extension of Time under 37 C.F.R. §1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees to the Deposit Account No. 20-0668

of Texas Instruments Incorporated.

Respectfully submitted,



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